| | | |
|---|---|---|
| **To:** | Industrial Products Service Managers | **ST IP 062/1** |
| **Date:** | March 30, 2000 | **Page 1 of 3** |
| **Ref:** | SF 1 -15 | |
| **Subject:** | Greasing Scroll Bearings | |
| **Revision:** | Correction of part number for grease cartridge | |

The greasing interval for the main orbital scroll bearing and seal replacement interval has been standardized across the SF 1-15 product line for all pressure variants.

### Field Action:

The new greasing intervals should be observed in place of the intervals described in the standard instruction book maintenance schedule and the greasing/seal replacement instruction, 2931 1136 00. Updated instruction books with the new greasing interval will be released

The greasing of the main orbital scroll bearing must occur at the earlier of 5000 hours of operation or two years of service:

| **Compressor** | **Greasing Quantity** (first time greasing) (1) | **Greasing Quantity** (after the first greasing) (1) |
|---|---|---|
| SF 1,SF 2, and SF 6 (small element) | Pump 5 times | Pump 4 times |
| SF 4 to SF 15 (3.7 kw. element) | Pump 7 times | Pump 6 times |

The greasing interval for the pin crank bearings (Figure 1, items 3 and 6) is now standardized for 10,000 hours or two years of service:

| **Compressor** | **Greasing Quantity** (first time) (1) | **Greasing Quantity** (after the first time) (1) |
|---|---|---|
| SF 1,SF 2, and SF 6 (small element) | Pump 5 times x 3 Places | Pump 4 times x 3 Places |
| SF 4 to SF 15 (3.7 kw. element) | Pump 7 times x 3 Places | Pump 6 times x 3 Places |

(1) The grease quantity is given by number of pumps with grease pump 2903 0004 00 and grease cartridge 2892 6100 20.

**Orbital Scroll Seals:**
The lifetime of the orbital scroll seals (Figure 2) on the 8 and 10 bar units has been increased to 10,000 running hours or at 2 years of service, whichever occurs first.

The cleaning of the fan, the duct and the element fins for the 8 and 10 bar units will also take place every 10,000 running hours or at 2 years.

## Parts:

The grease, scroll grease gun, and tip seal kits are available from the Customer Service Department.

| Description | Part Number |
|---|---|
| Grease Gun | 2903 0004 00 |
| Grease Cartridge | **2892 6100 20** |
| SF 1-2 (K1) Element Tip Seal Kit | 2892 9860 40 |
| SF 4 (K2) Element Tip Seal Kit | 2892 9910 40 |

## Warranty:

This is a product improvement notification. Warranty claims for this notification ***"will not be accepted."***

**Atlas Copco**
**Technical Support**

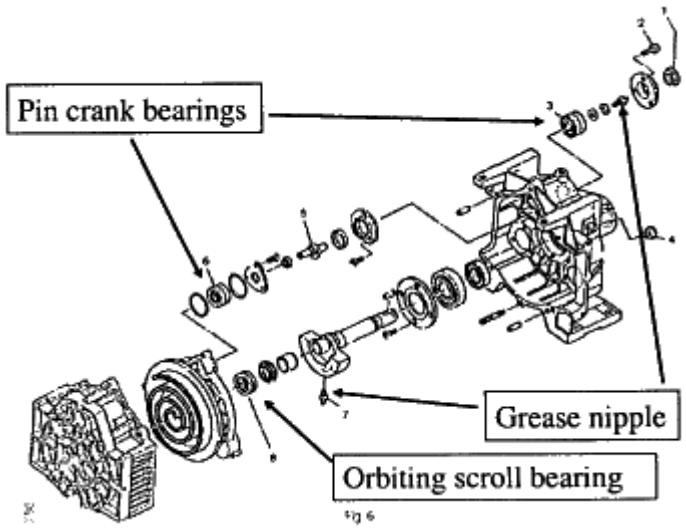


Figure 1: Scroll Element

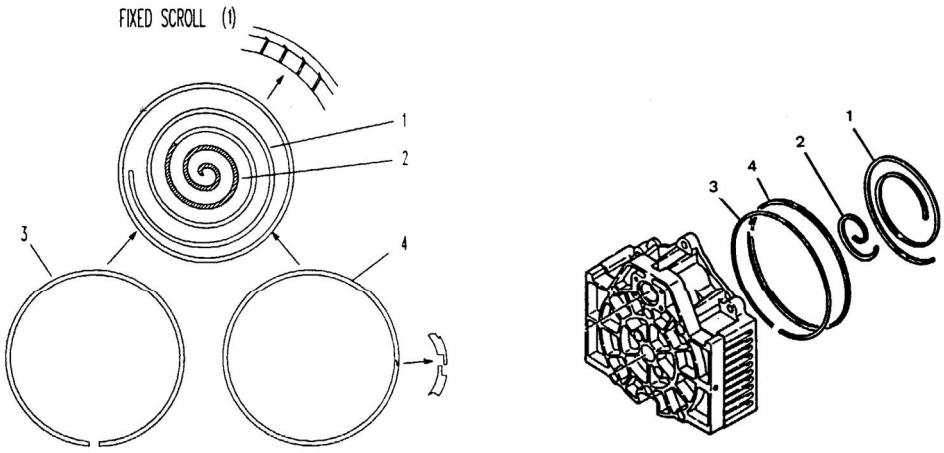


Figure 2: Scroll Seals